

1/37

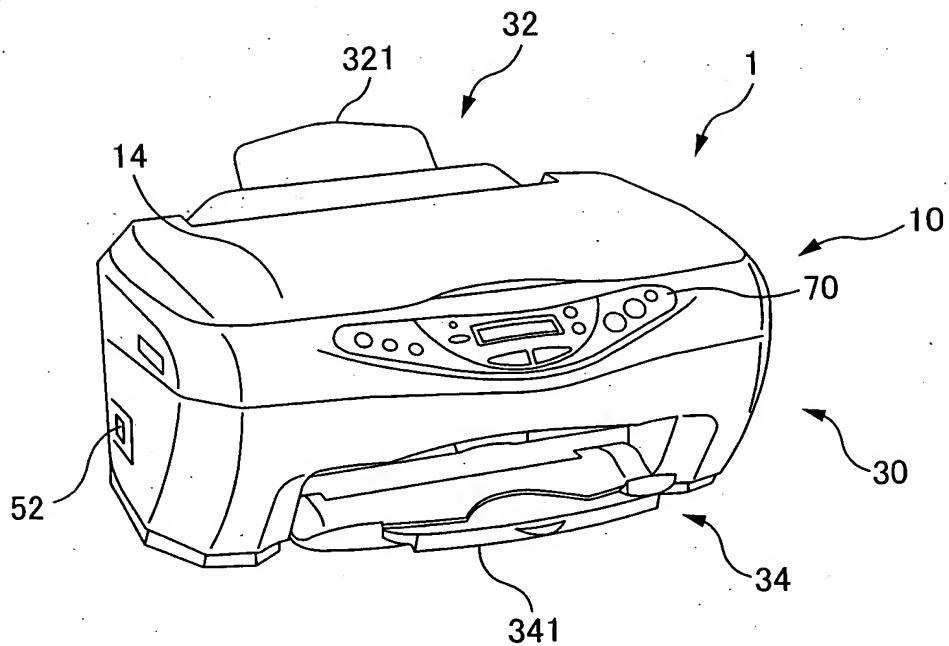


図1

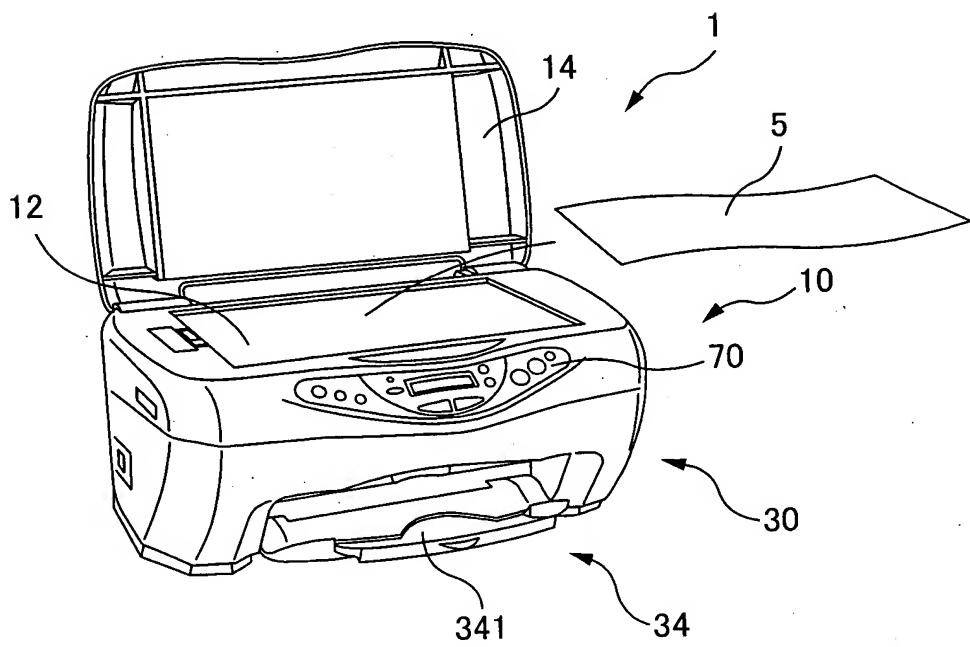
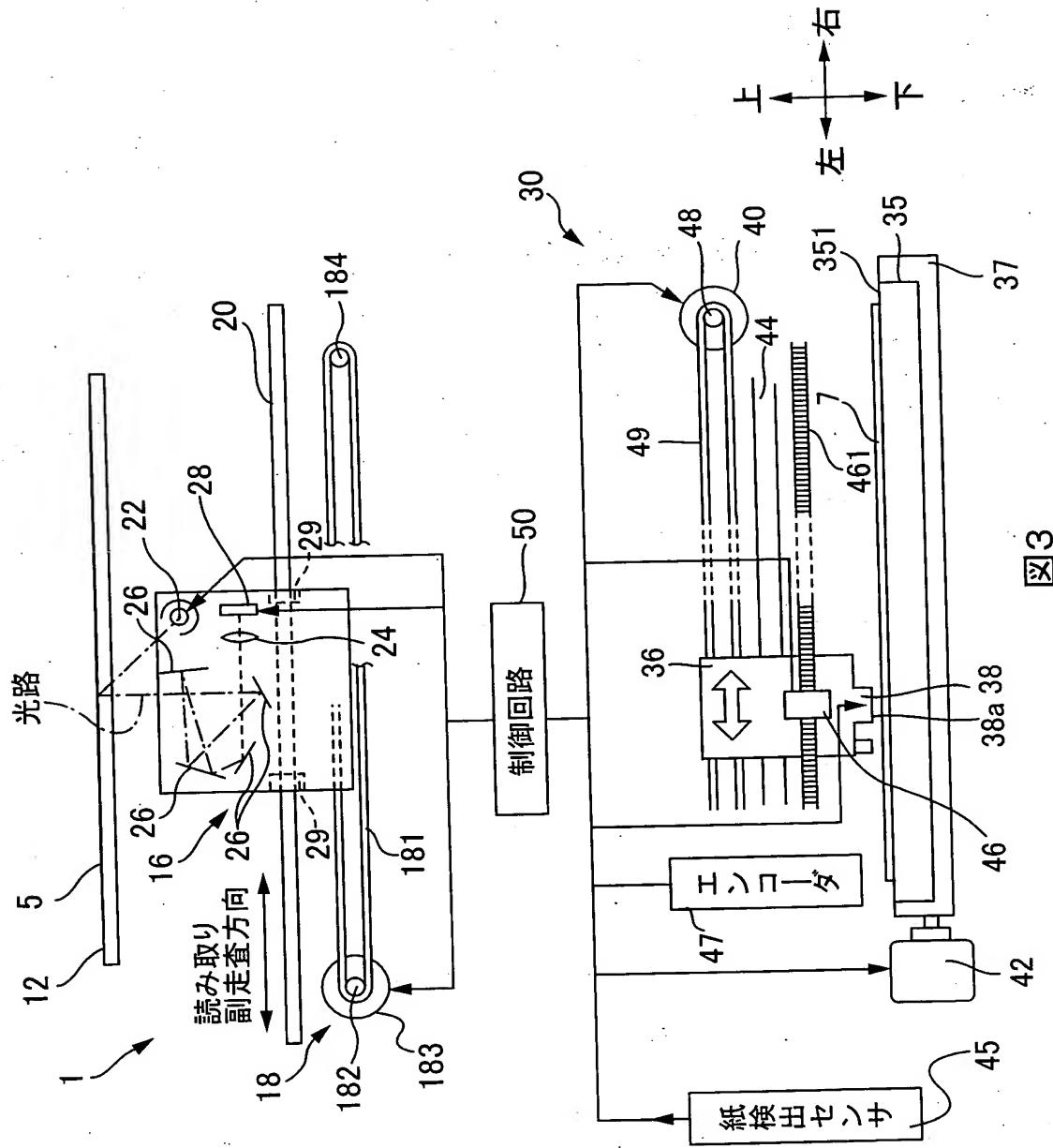


図2

2/37



3/37

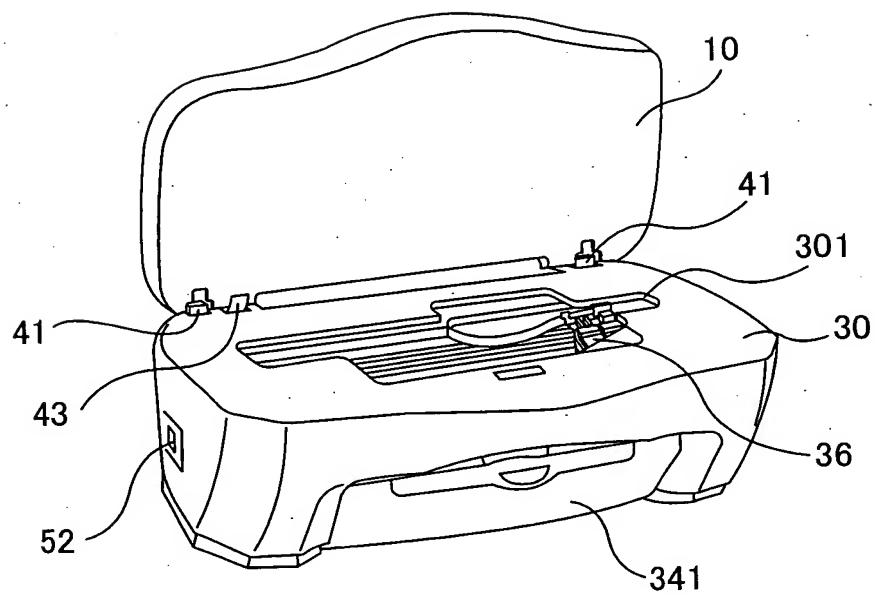


図4

4/37

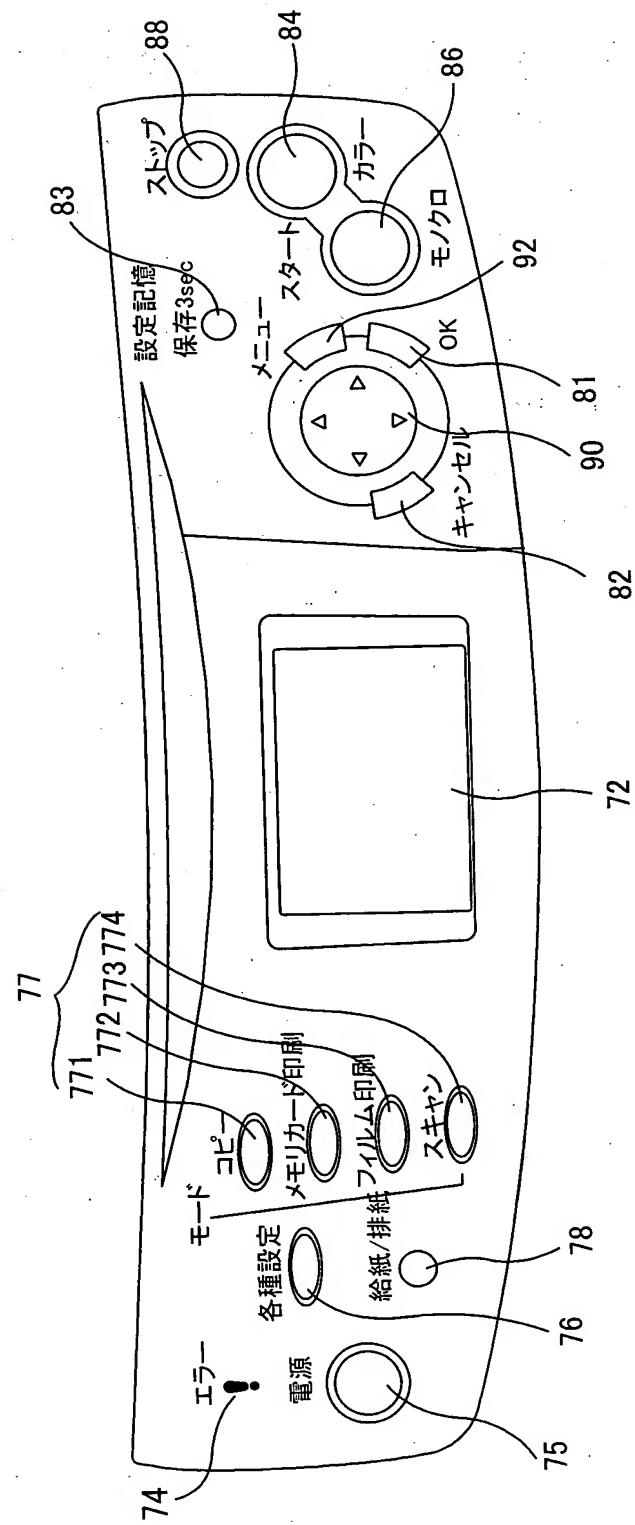


図5

5/37

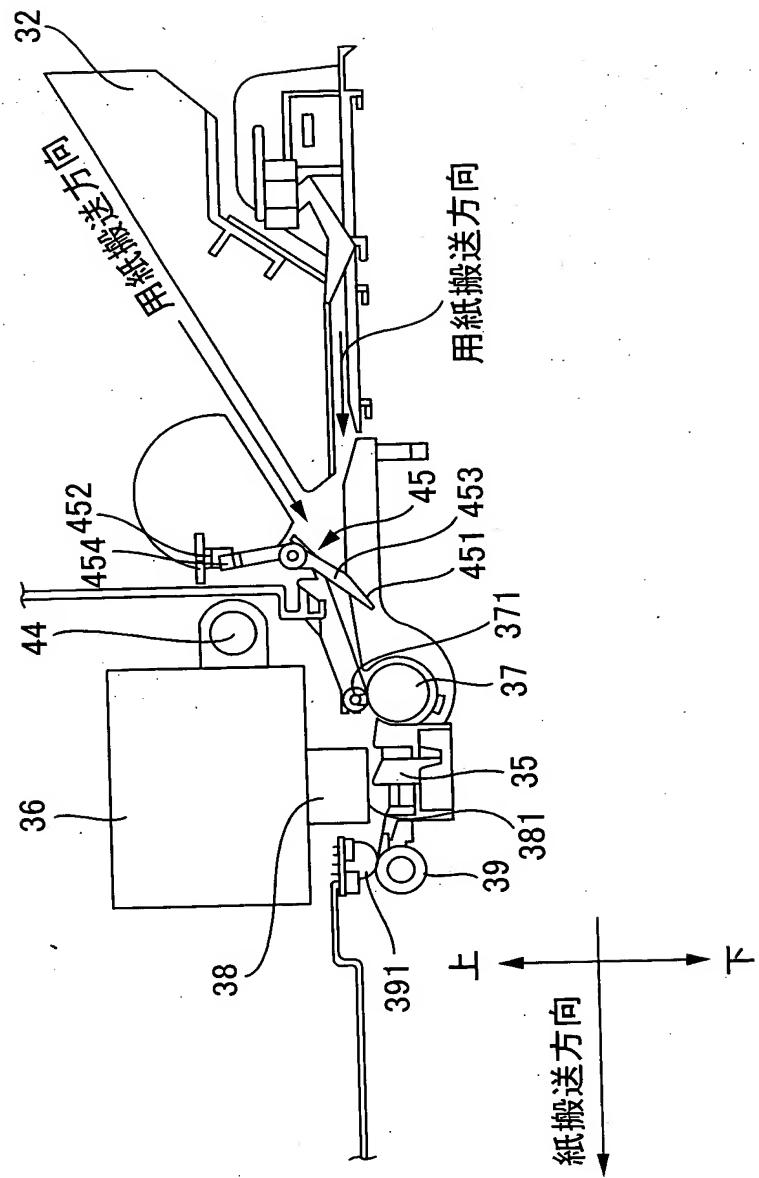


図6

6/37

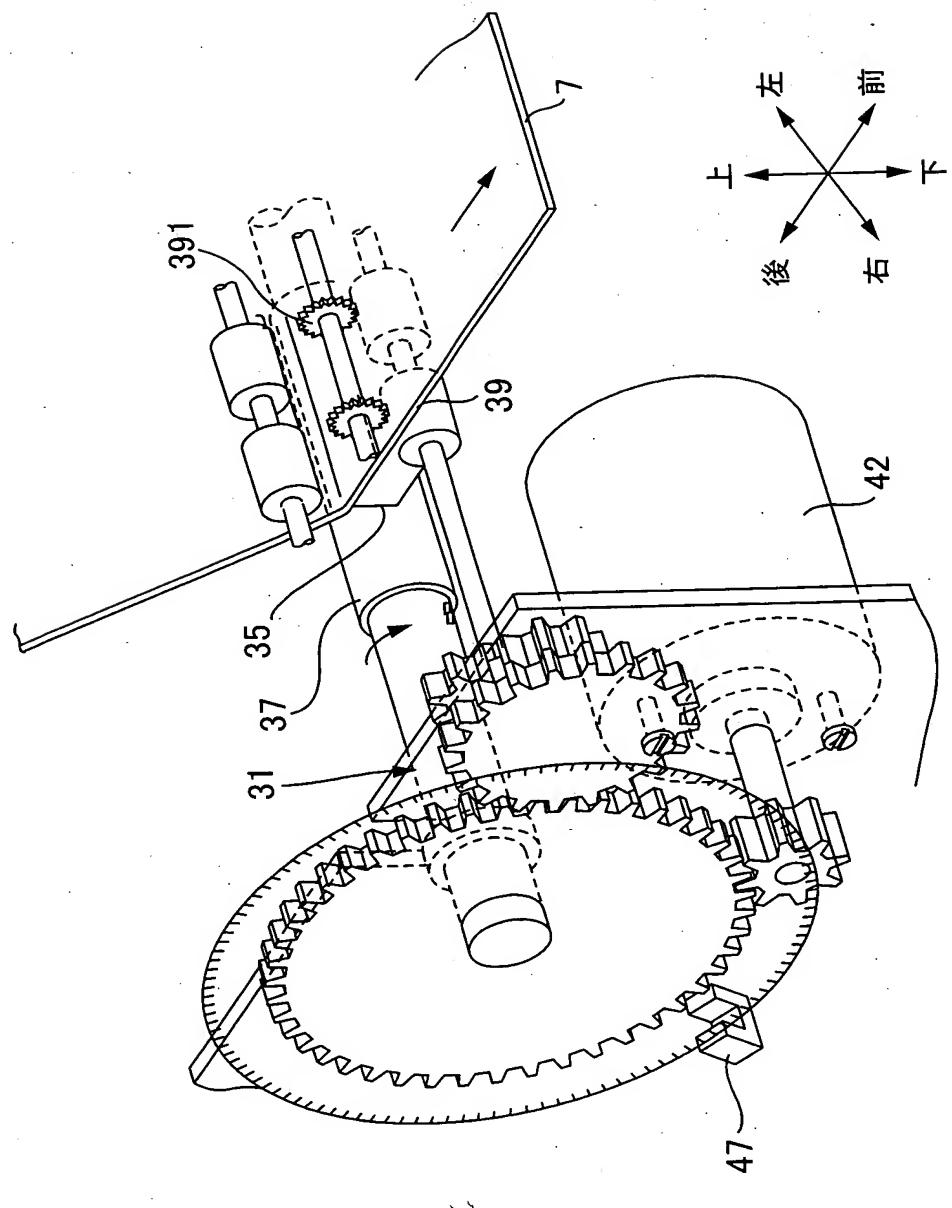


図7

7/37

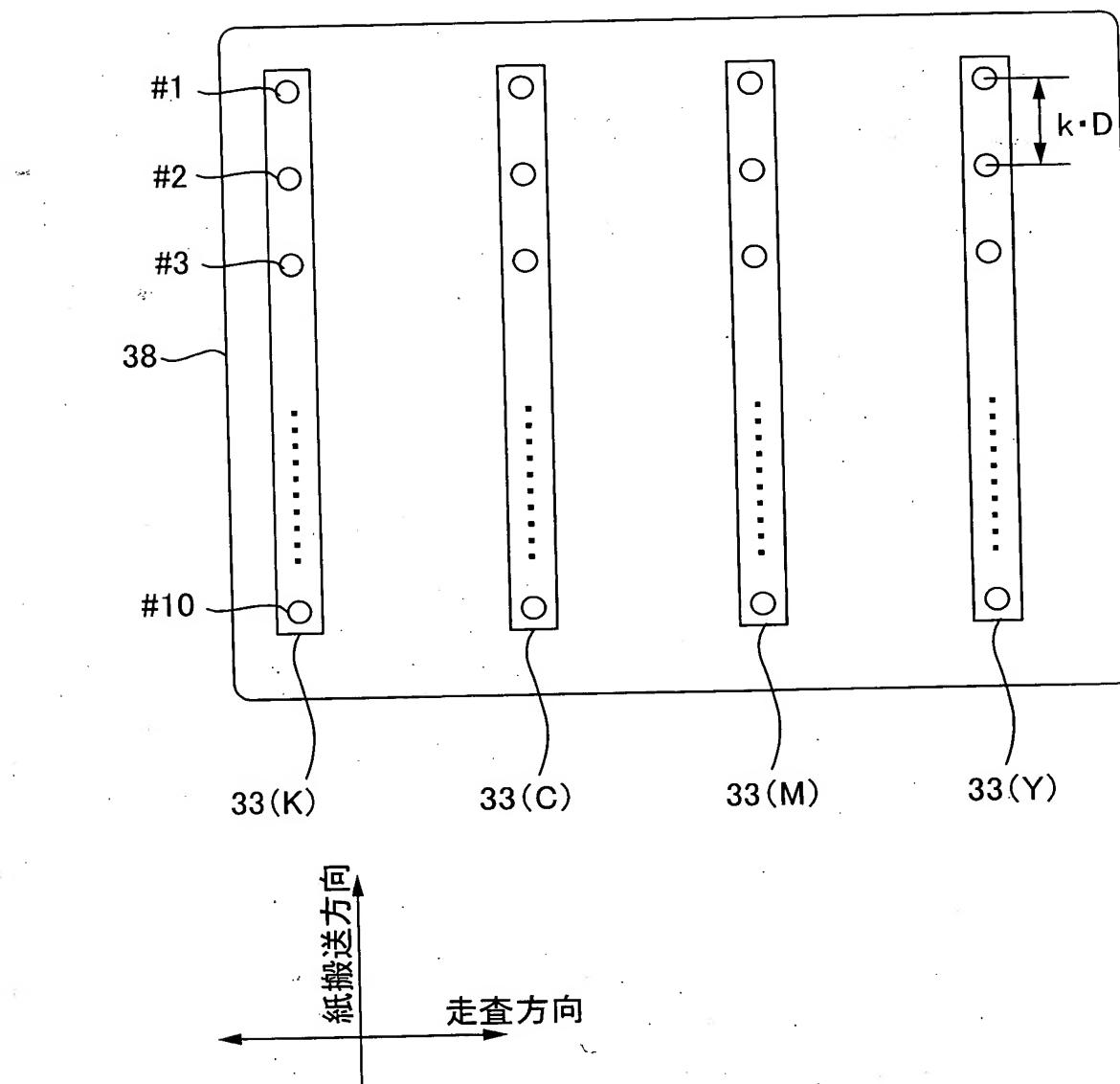


図8

8/37

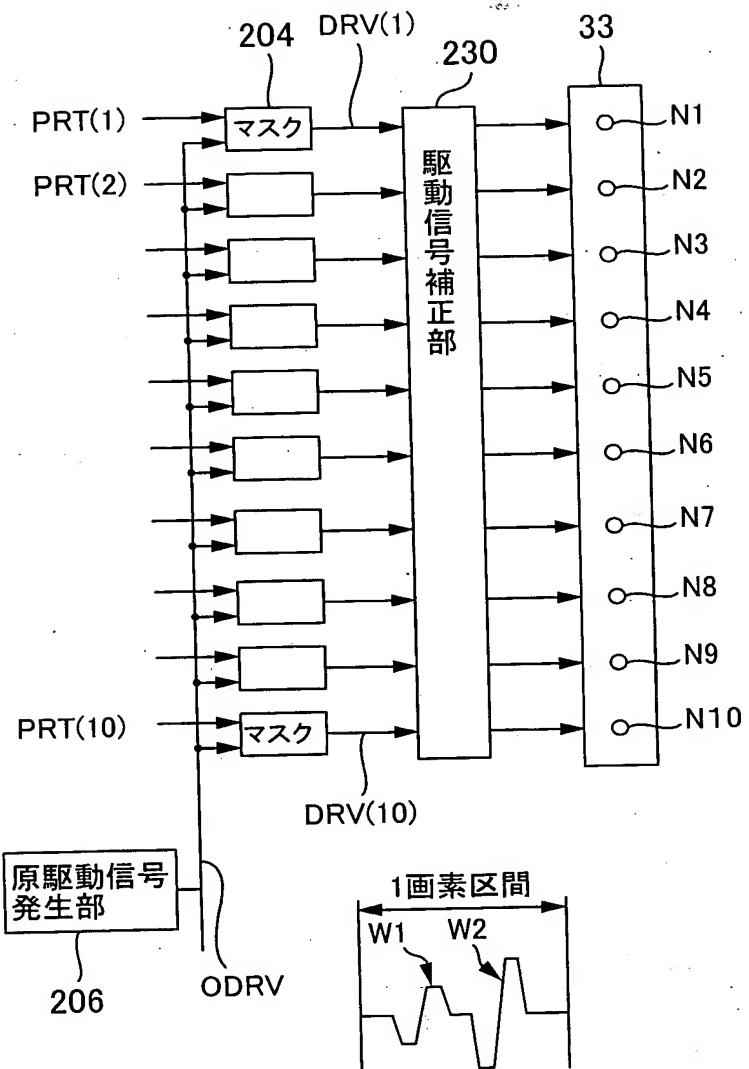


図9

9/37

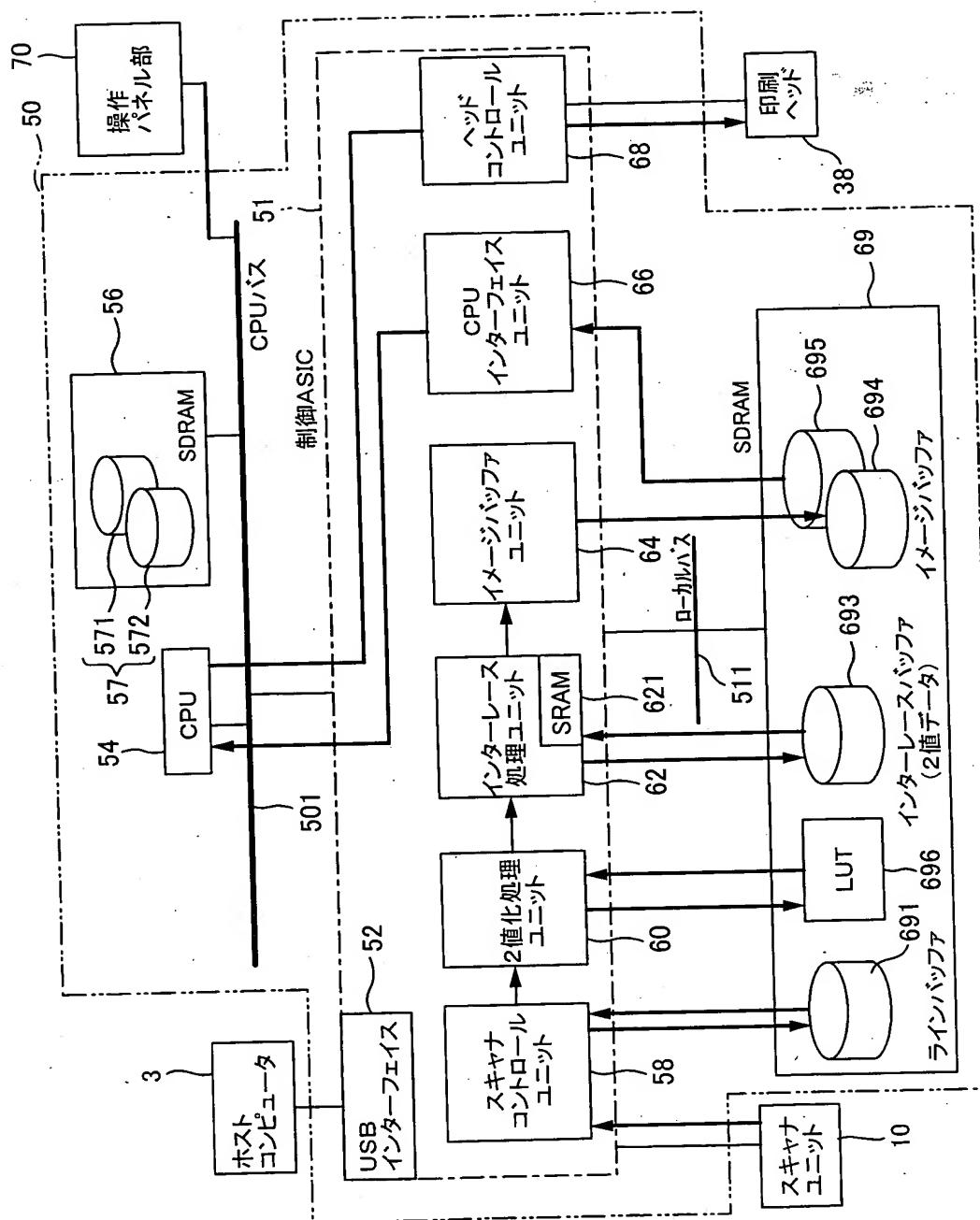


図10

10/37

原稿の読み取り画素イメージ

1画素

主走査方向

	1	2	3	4	5	6	7	8	9	10	11	12	.....	.....	78	79	80
#1	1	81	82	83	84	85	86	87	88	89	90	91	92	158	159	160
	161	162	163	164	165	166	167	168	169	170	171	172	.....	.....	238	239	240
#2	241	242	243	244	245	246	247	248	249	250	251	252	.....	.....	318	319	320
381	321	322	323	324	325	326	327	328	329	330	331	332	.....	.....	398	399	400
	401	402	403	404	405	406	407	408	409	410	411	412	.....	.....	478	479	480
#3	481	482	483	484	485	486	487	488	489	490	491	492	.....	.....	558	559	560
	561	562	563	564	565	566	567	568	569	570	571	572	.....	.....	638	639	640
#4	641	642	643	644	645	646	647	648	649	650	651	652	.....	.....	718	719	720
	721	722	723	724	725	726	727	728	729	730	731	732	.....	.....	798	799	800
	801	802	803	804	805	806	807	808	809	810	811	812	.....	.....	878	879	880
	881	882	883	884	885	886	887	888	889	890	891	892	.....	.....	958	959	960
	961	962	963	964	965	966	967	968	969	970	971	972	.....	.....	1038	1039	1040
	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	.....	.....	1118	1119	1120
	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	.....	.....	1198	1199	1200
	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	.....	.....	1278	1279	1280
#5	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	.....	.....	1358	1359	1360
	:	:	:	:	:	:	:	:	:	:	:	:		
	:	:	:	:	:	:	:	:	:	:	:	:		

図11

11/37

ラインバッファイメージ(画素イメージ)

1画素								
B成分 領域			G成分 領域			R成分 領域		
B321	B322	B323	B324	B325	B326	B327	B328	B329
B241	B242	B243	B244	B245	B246	B247	B248	B249
B161	B162	B163	B164	B165	B166	B167	B168	B169
B81	B82	B83	B84	B85	B86	B87	B88	B89
B1	B2	B3	B4	B5	B6	B7	B8	B9
G321	G322	G323	G324	G325	G326	G327	G328	G329
G241	G242	G243	G244	G245	G246	G247	G248	G249
G161	G162	G163	G164	G165	G166	G167	G168	G169
G81	G82	G83	G84	G85	G86	G87	G88	G89
G1	G2	G3	G4	G5	G6	G7	G8	G9
R321	R322	R323	R324	R325	R326	R327	R328	R329
R241	R242	R243	R244	R245	R246	R247	R248	R249
R161	R162	R163	R164	R165	R166	R167	R168	R169
R81	R82	R83	R84	R85	R86	R87	R88	R89
R1	R2	R3	R4	R5	R6	R7	R8	R9

図 12

12/37

インターレースバッファイメージ (データブロックイメージ)

ブラック2値 データ	:	:	:	:	:
偶数番ドット領域	K2	K4	K6	K8	K10
ブラック2値 データ	:	:	:	:	:
奇数番ドット領域	K1	K3	K5	K7	K9
イエロー2値 データ	:	:	:	:	:
偶数番ドット領域	Y2	Y4	Y6	Y8	Y10
イエロー2値 データ	:	:	:	:	:
奇数番ドット領域	Y1	Y3	Y5	Y7	Y9
マゼンタ2値 データ	:	:	:	:	:
偶数番ドット領域	M2	M4	M6	M8	M10
マゼンタ2値 データ	:	:	:	:	:
奇数番ドット領域	M1	M3	M5	M7	M9
シアン2値 データ	:	:	:	:	:
偶数番ドット領域	C42	C44	C46	C48	C50
	C32	C34	C36	C38	C40
	C22	C24	C26	C28	C30
	C12	C14	C16	C18	C20
	C2	C4	C6	C8	C10
シアン2値 データ	:	:	:	:	:
奇数番ドット領域	C161	C163	C165	C167	C169
	C151	C153	C155	C157	C159
	C141	C143	C145	C147	C149
	C131	C133	C135	C137	C139
	C121	C123	C125	C127	C129
	C111	C113	C115	C117	C119
	C101	C103	C105	C107	C109
	C91	C93	C95	C97	C99
	C81	C83	C85	C87	C89
	C71	C73	C75	C77	C79
	C61	C63	C65	C67	C69
	C51	C53	C55	C57	C59
	C41	C43	C45	C47	C49
	C31	C33	C35	C37	C39
	C21	C23	C25	C27	C29
	C11	C13	C15	C17	C19
	C1	C3	C5	C7	C9

図 13A

SRAMイメージ

C7	C47	C87	C127
C5	C45	C85	C125
C3	C43	C83	C123
C1	C41	C81	C121

図 13D

レジスタイルイメージ

C1 C41 C81 C121

図13C

SRAMイメージ

C121	C123	C125	C127
C81	C83	C85	C87
C41	C43	C45	C47
C1	C3	C5	C7

図13B

- 64ビット

13/37

ヘッド駆動データイメージ(データブロックイメージ)



図14

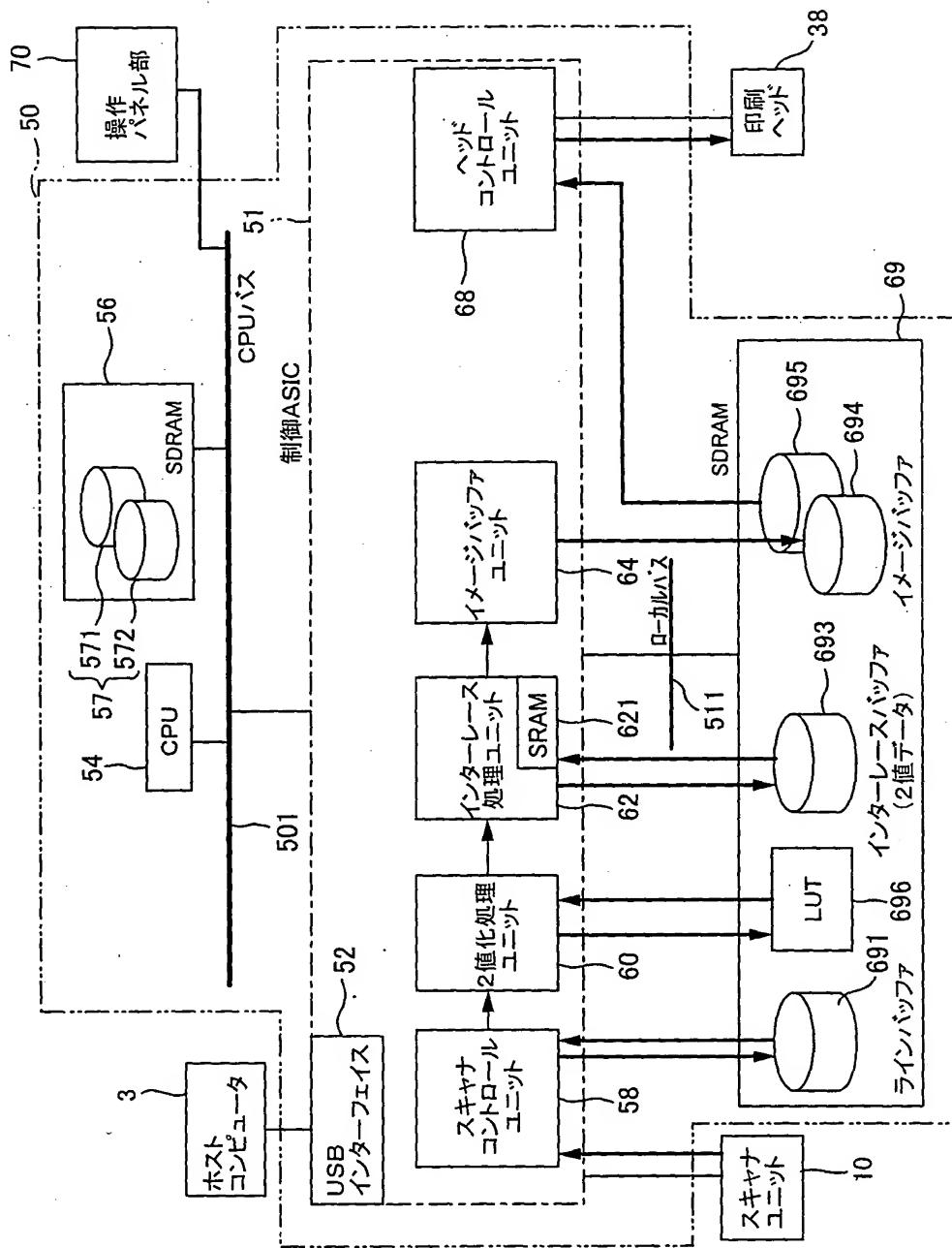


図15

15/37

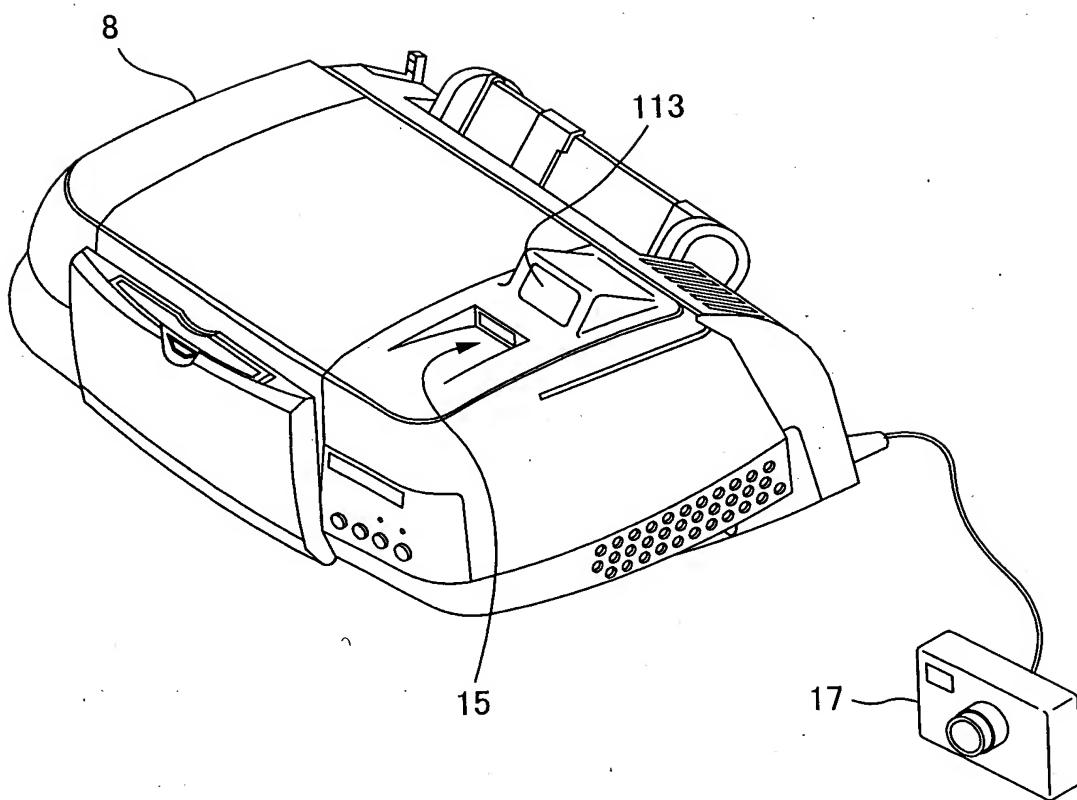


図16

16/37

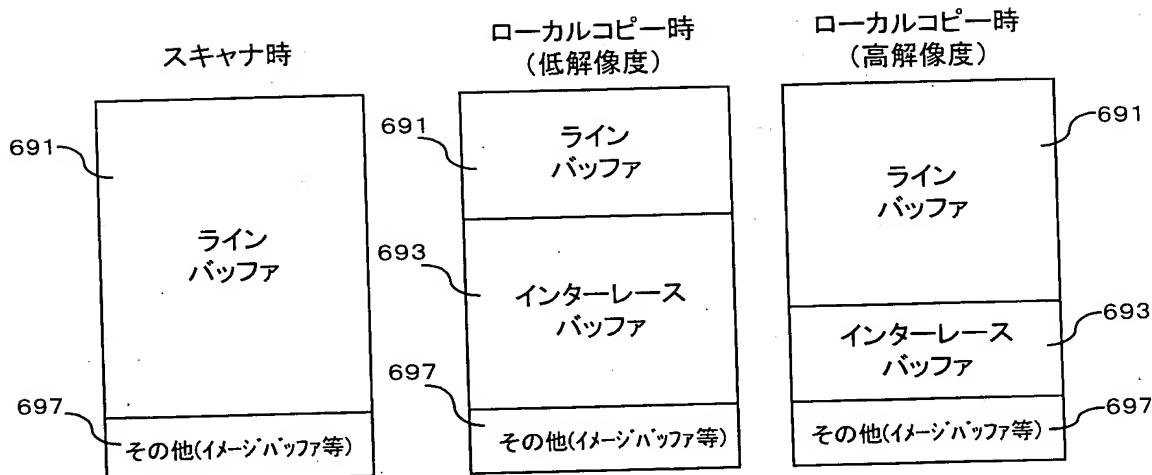


図17A

図17B

図17C

動作		割り当てアドレス		
		ラインバッファ	インターレースバッファ	その他
スキャナ時		0000h～CFFFh	なし	D000h～FFFFh
ローカル コピー時	低解像度	0000h～4FFFh	5000h～CFFFh	D000h～FFFFh
	高解像度	0000h～7FFFh	8000h～CFFFh	D000h～FFFFh

図18

17/37

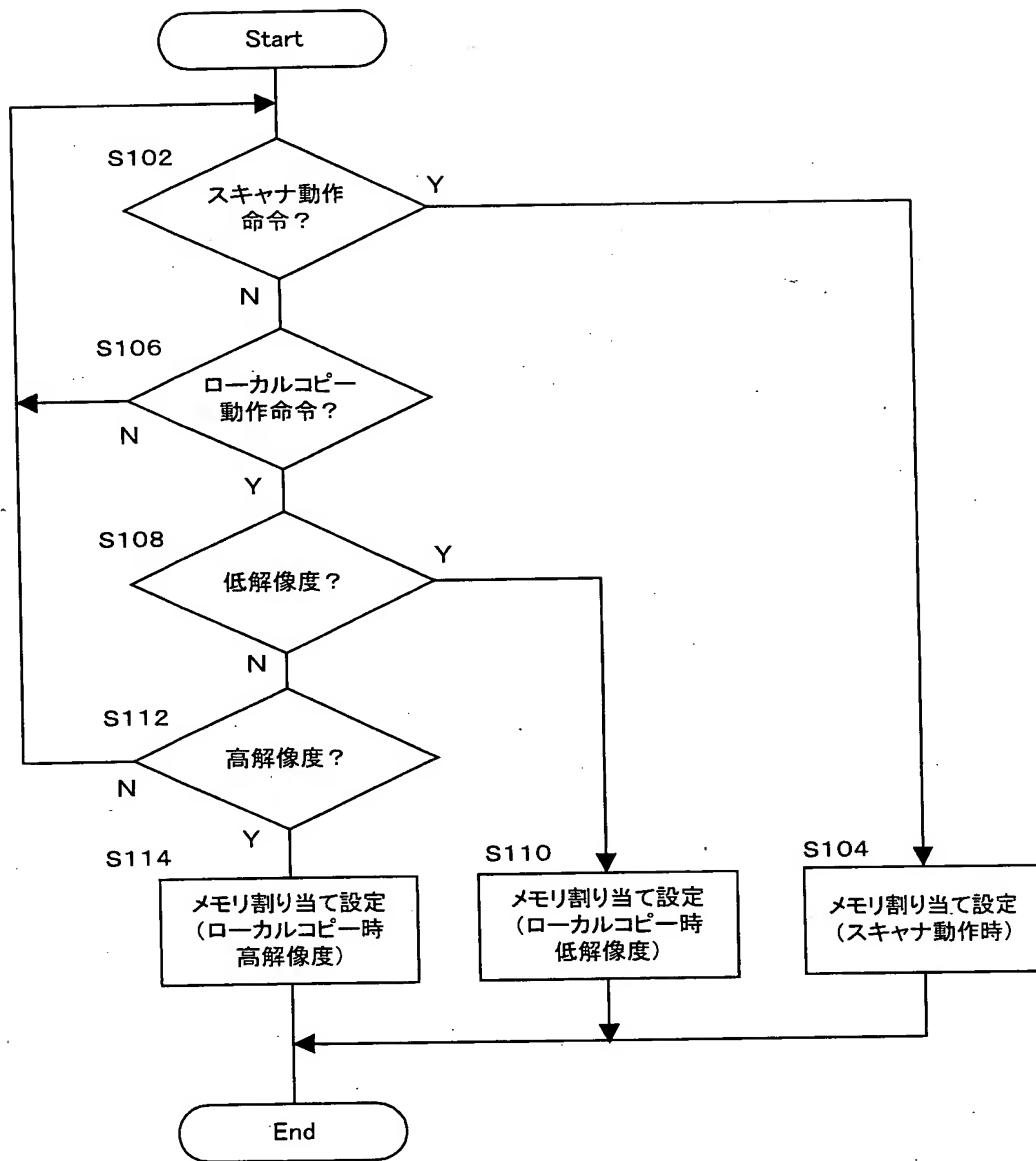


図19

18/37

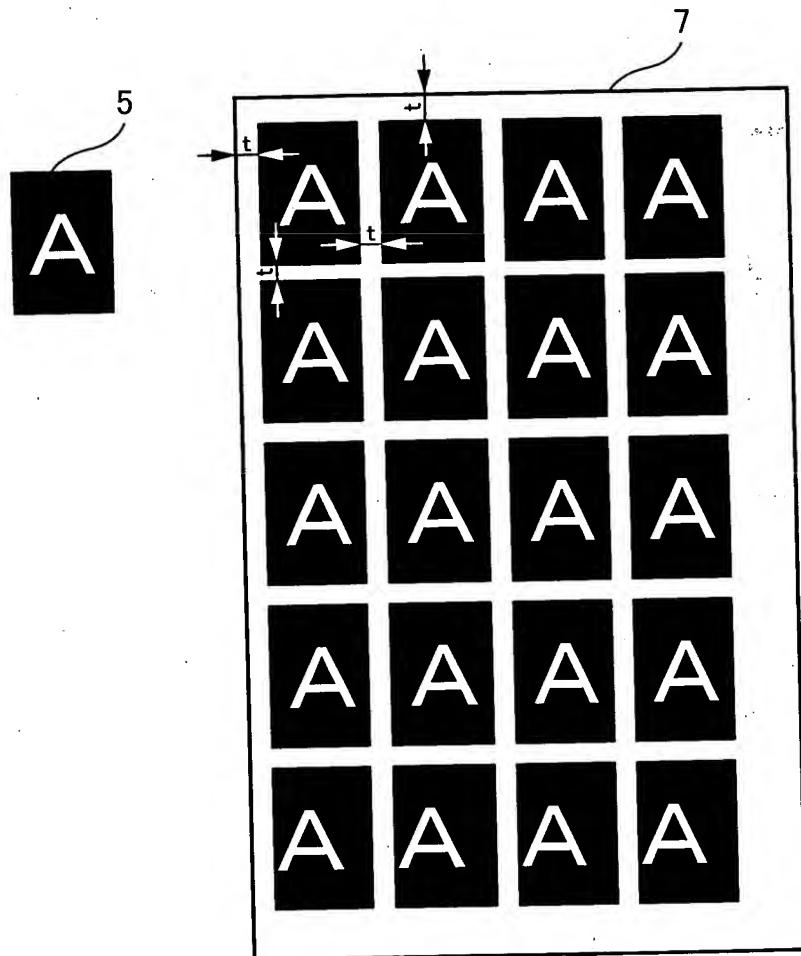


図20

19/37

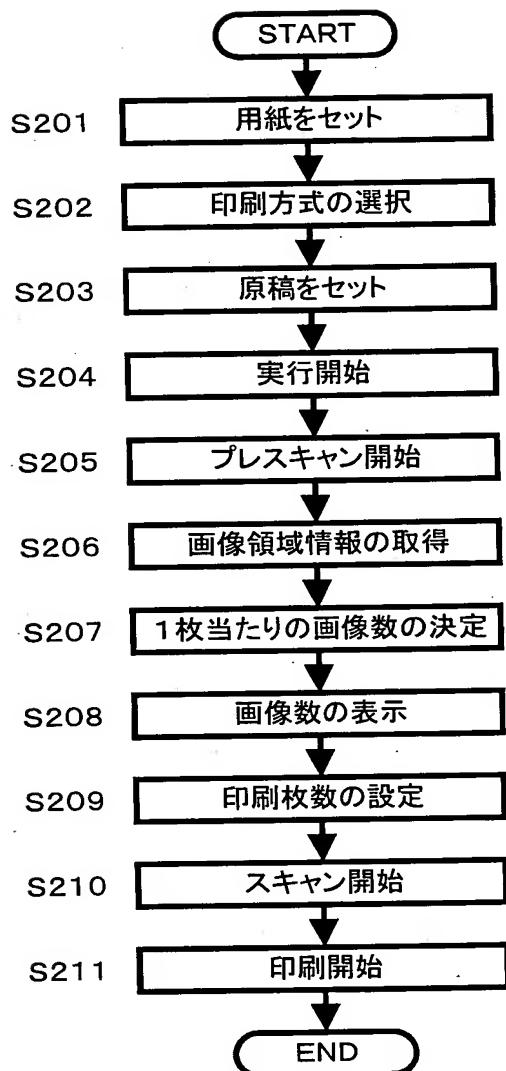


図21

20/37

図22A

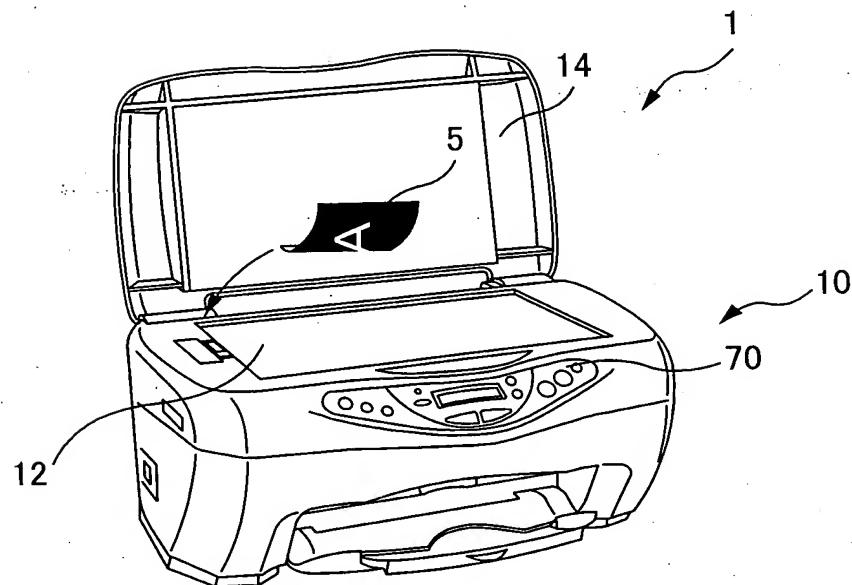


図22B

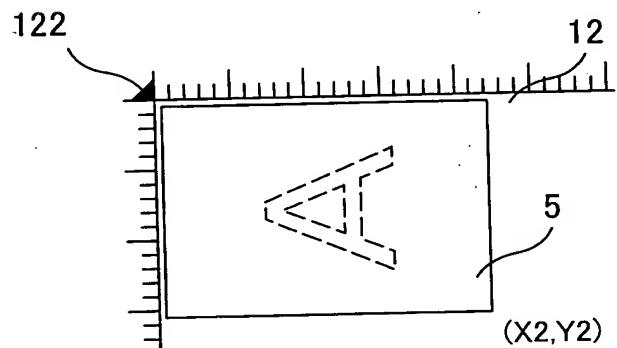
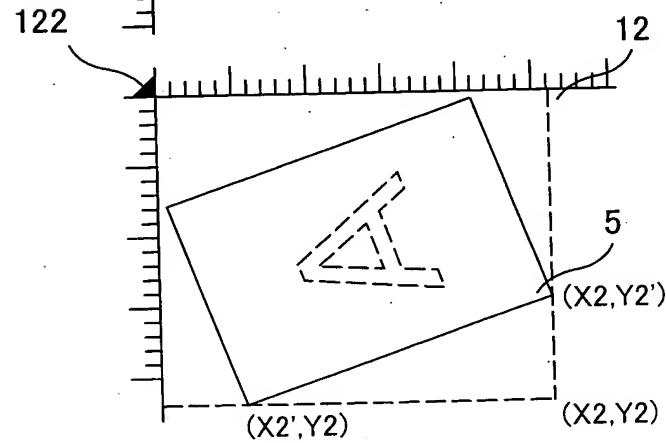


図22C



21/37

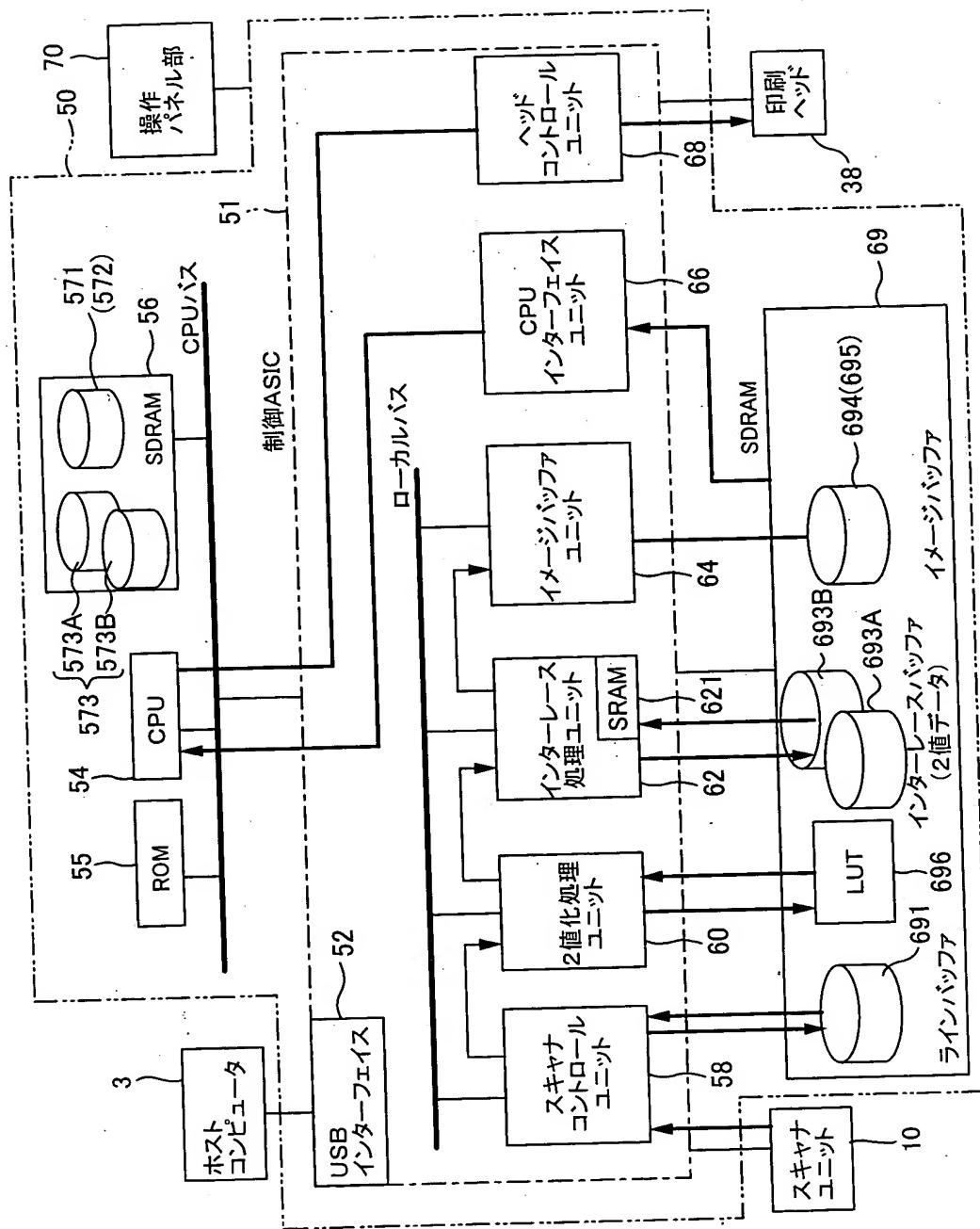
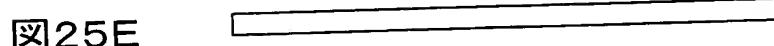
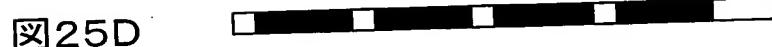
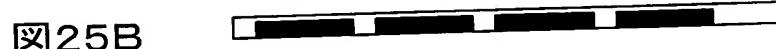
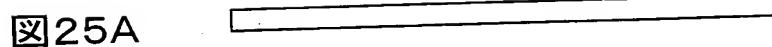


図23

22/37



図24



23/37

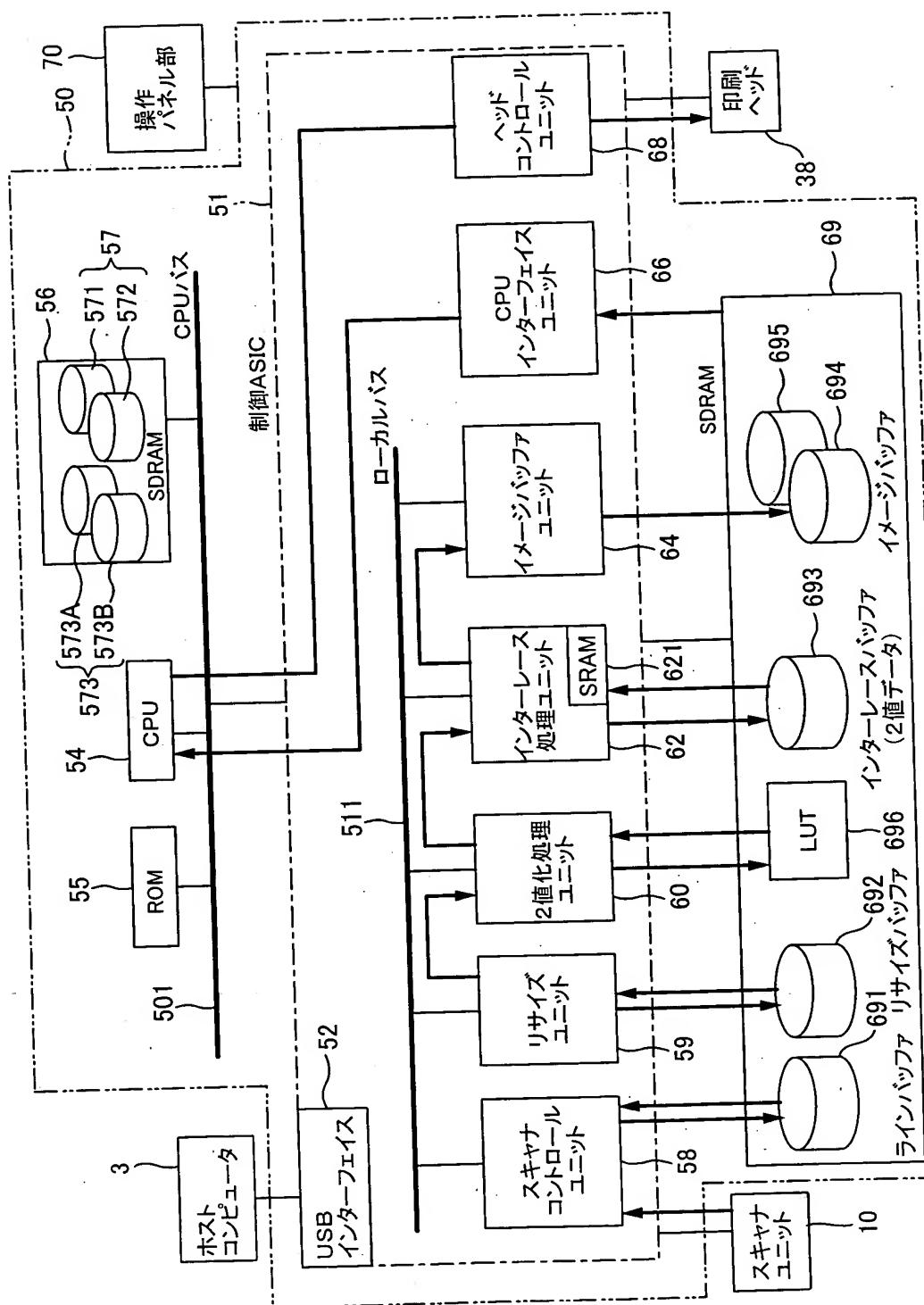


図26

24/37

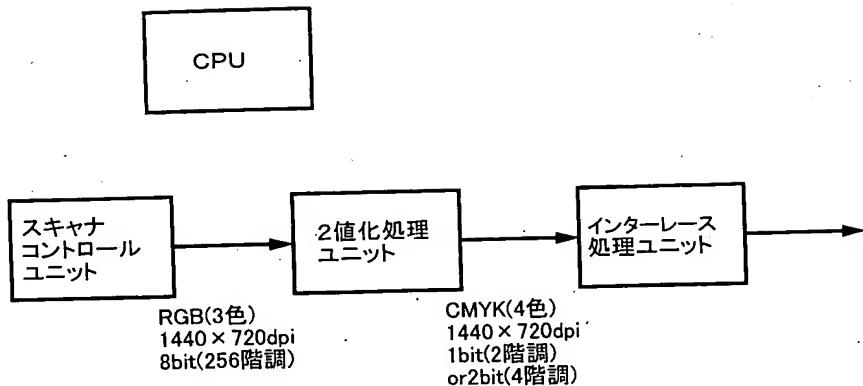


図27A

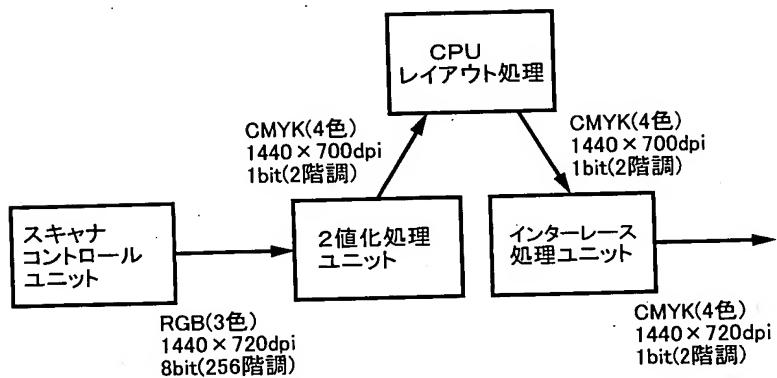


図27B

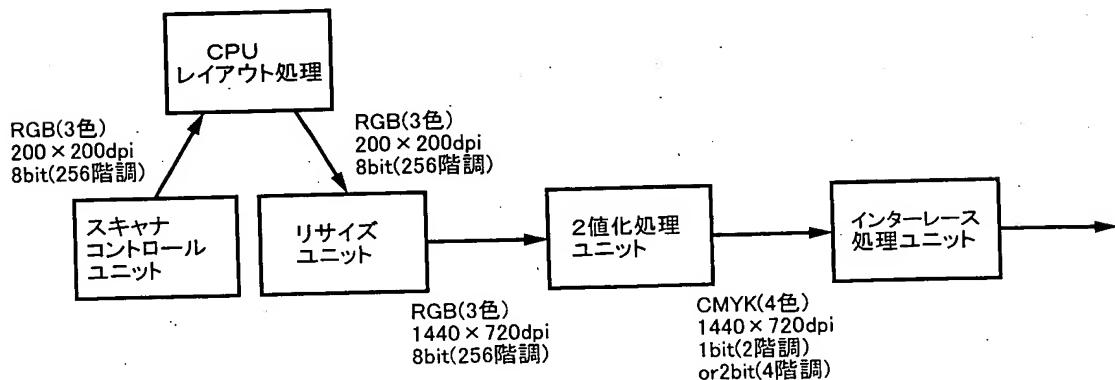


図27C

25/37

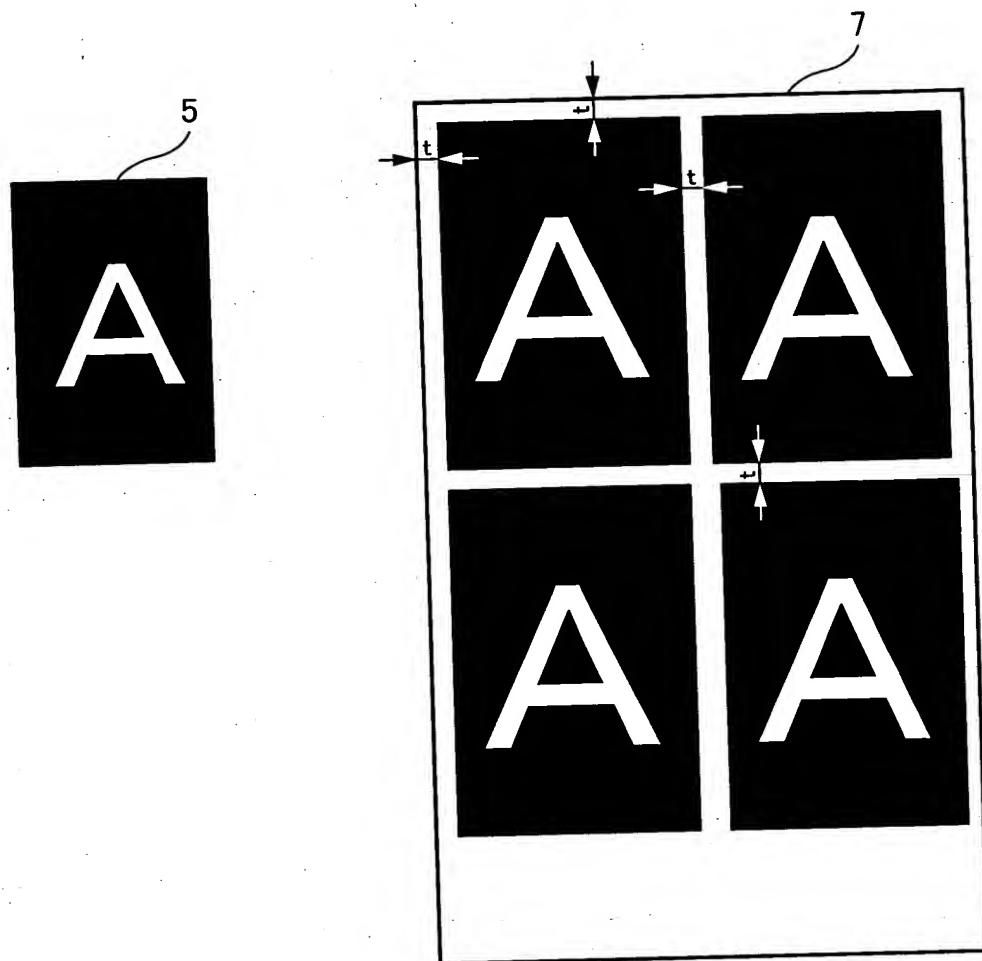


図28

26/37

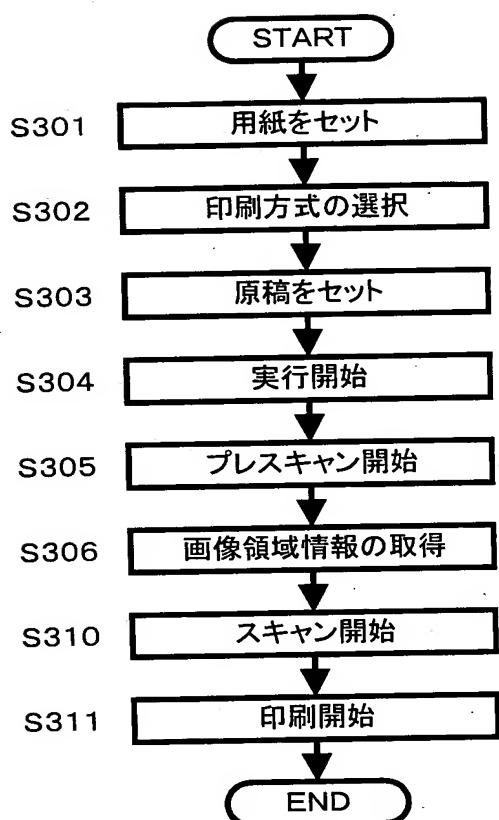


図29

27/37

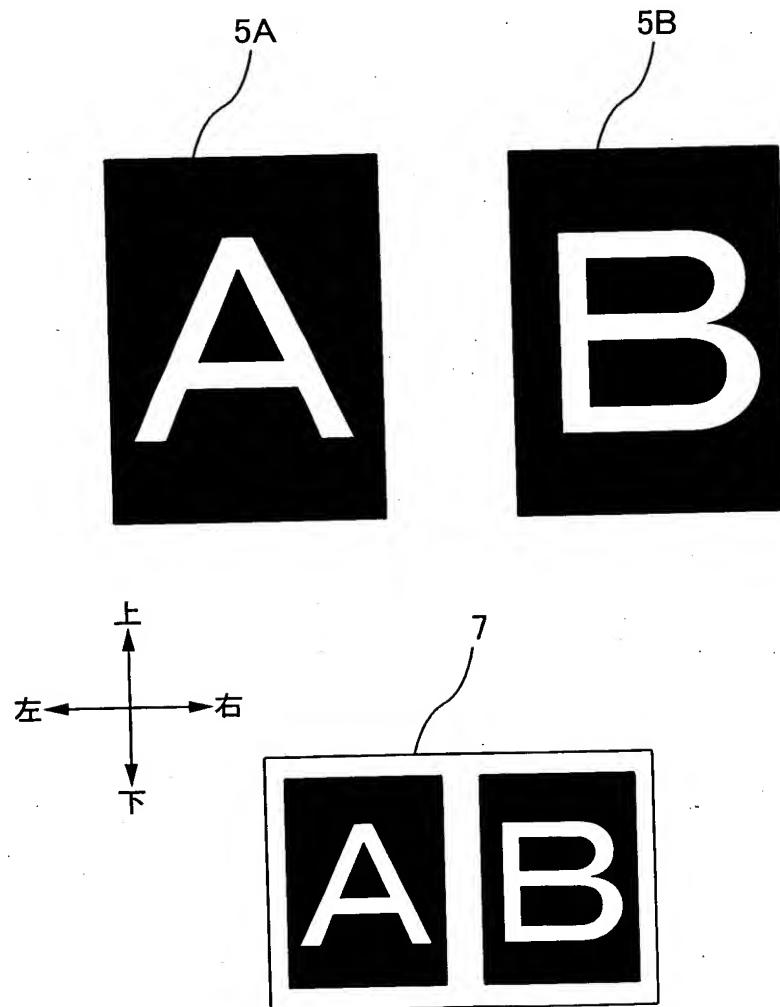


図30

28/37

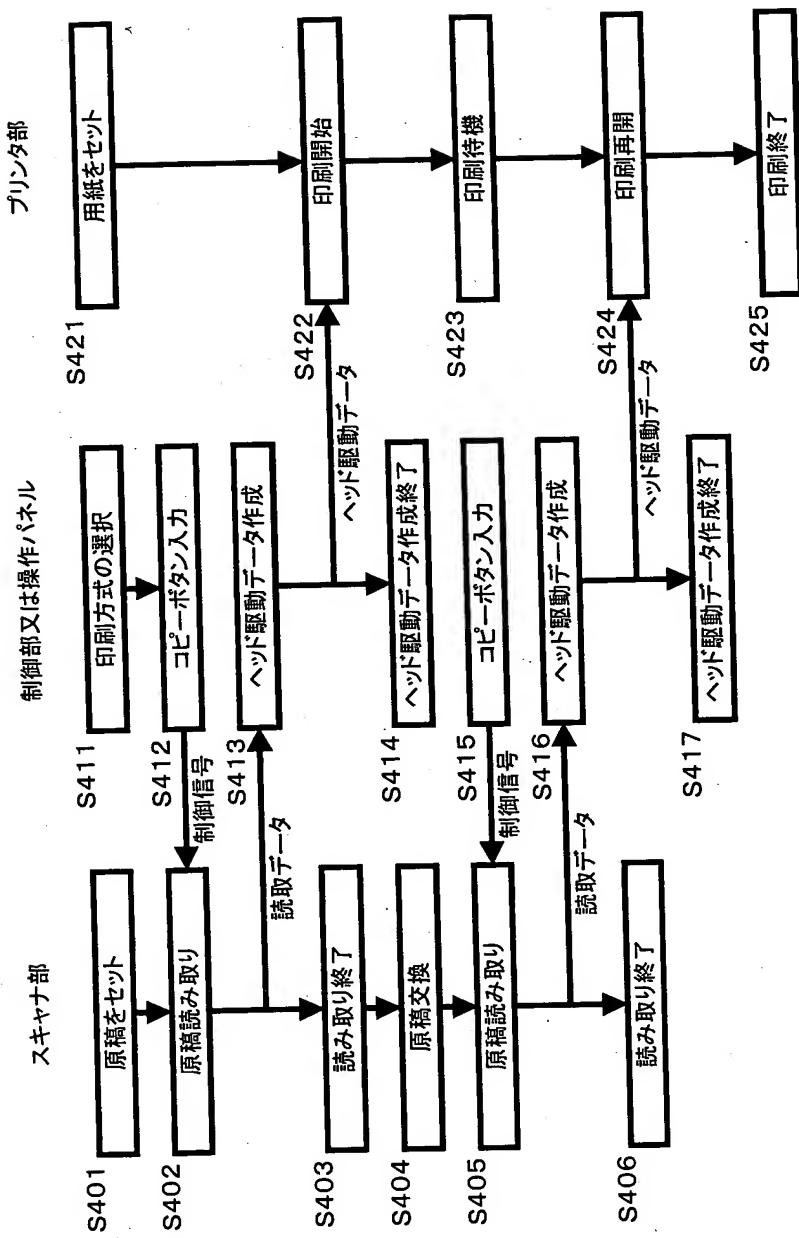


図31

29/37

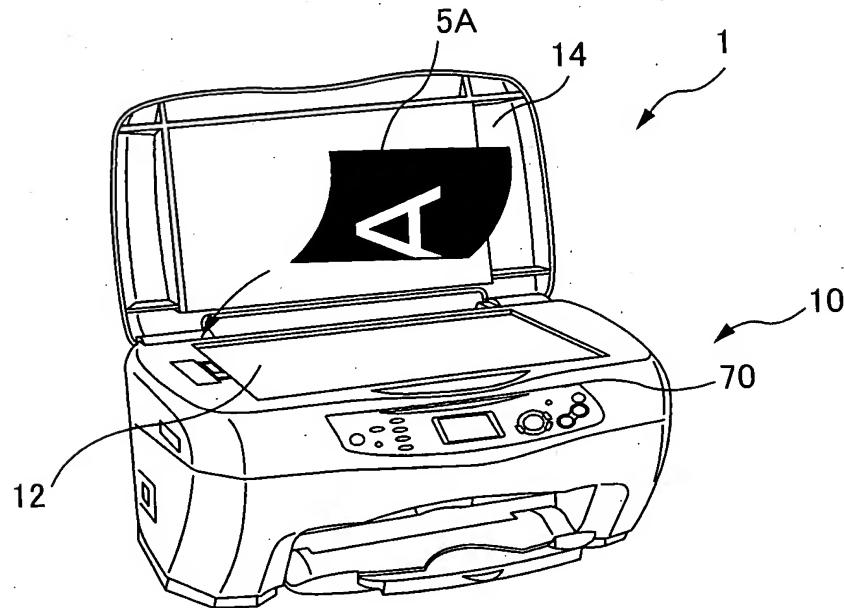


図32A

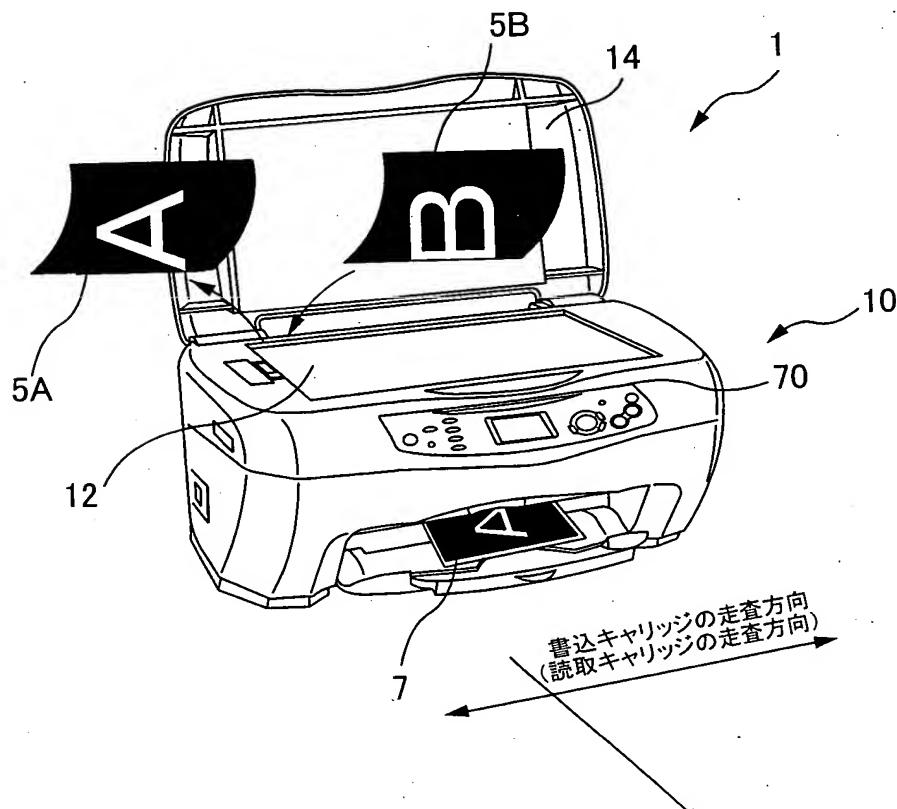
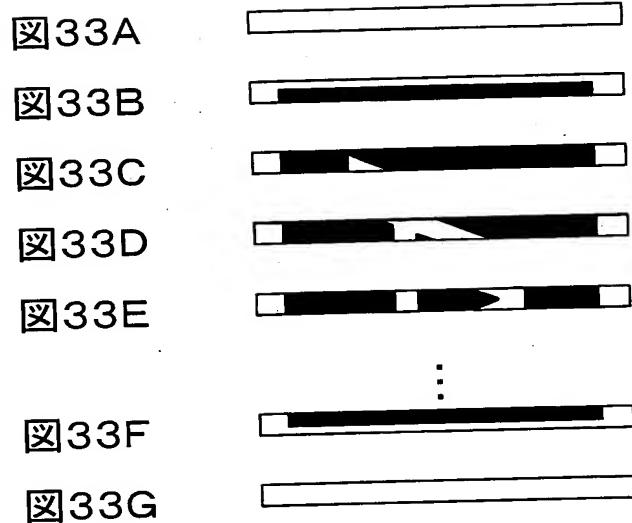


図32B

30/37



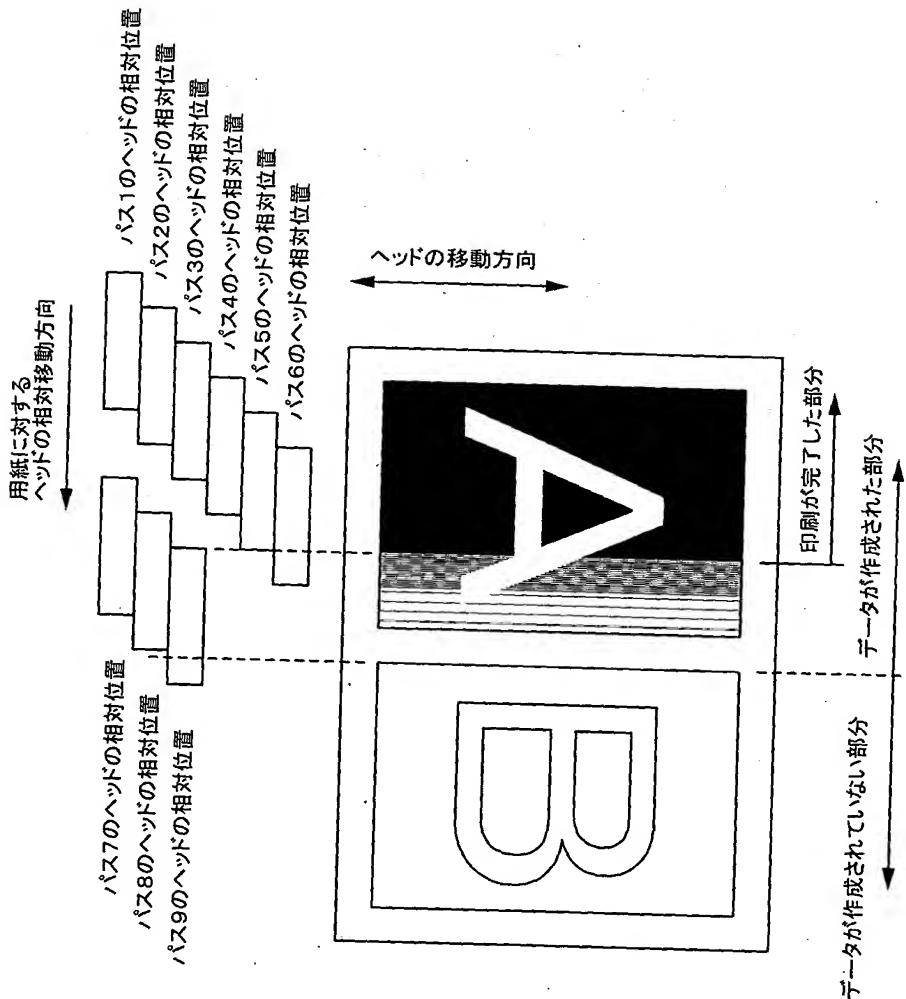


図34

32/37

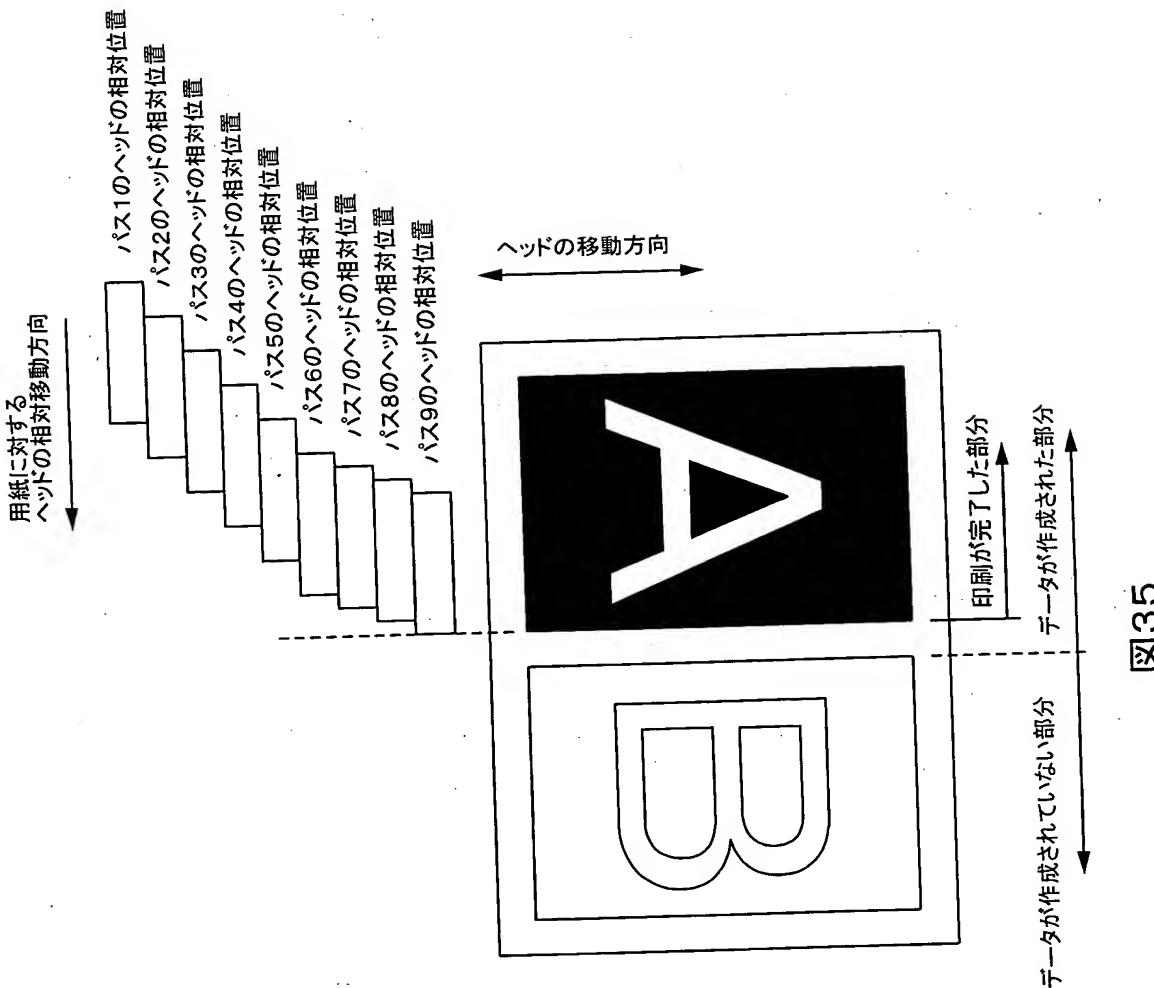


図35

33/37

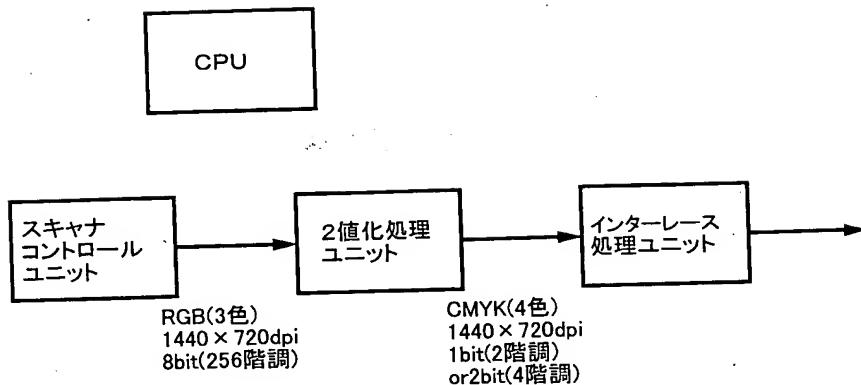


図36A

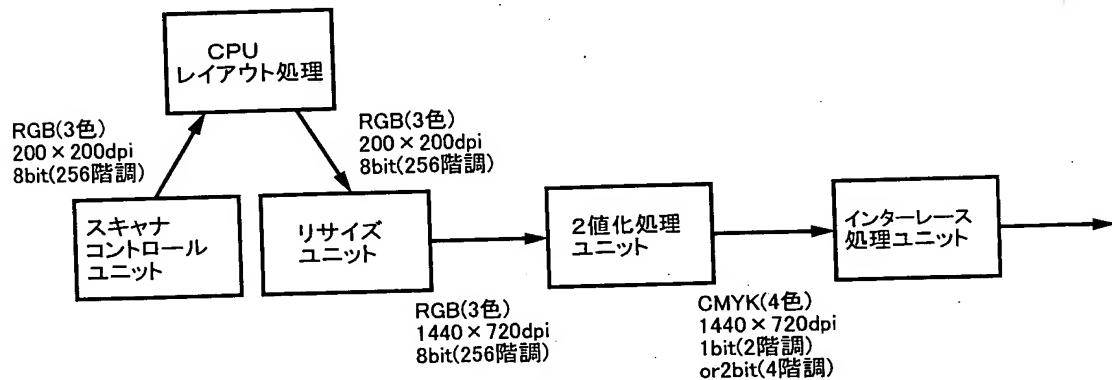


図36B

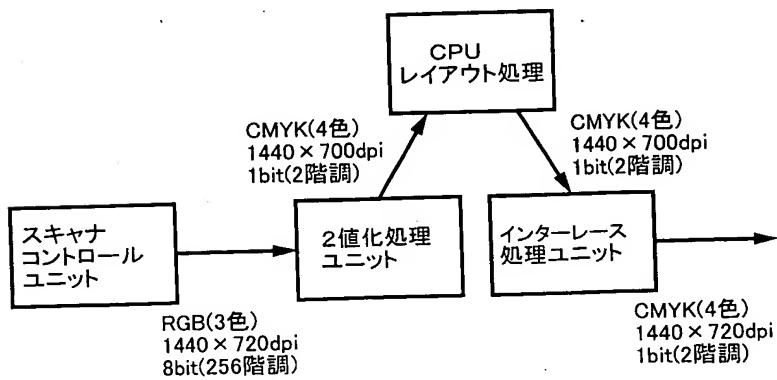
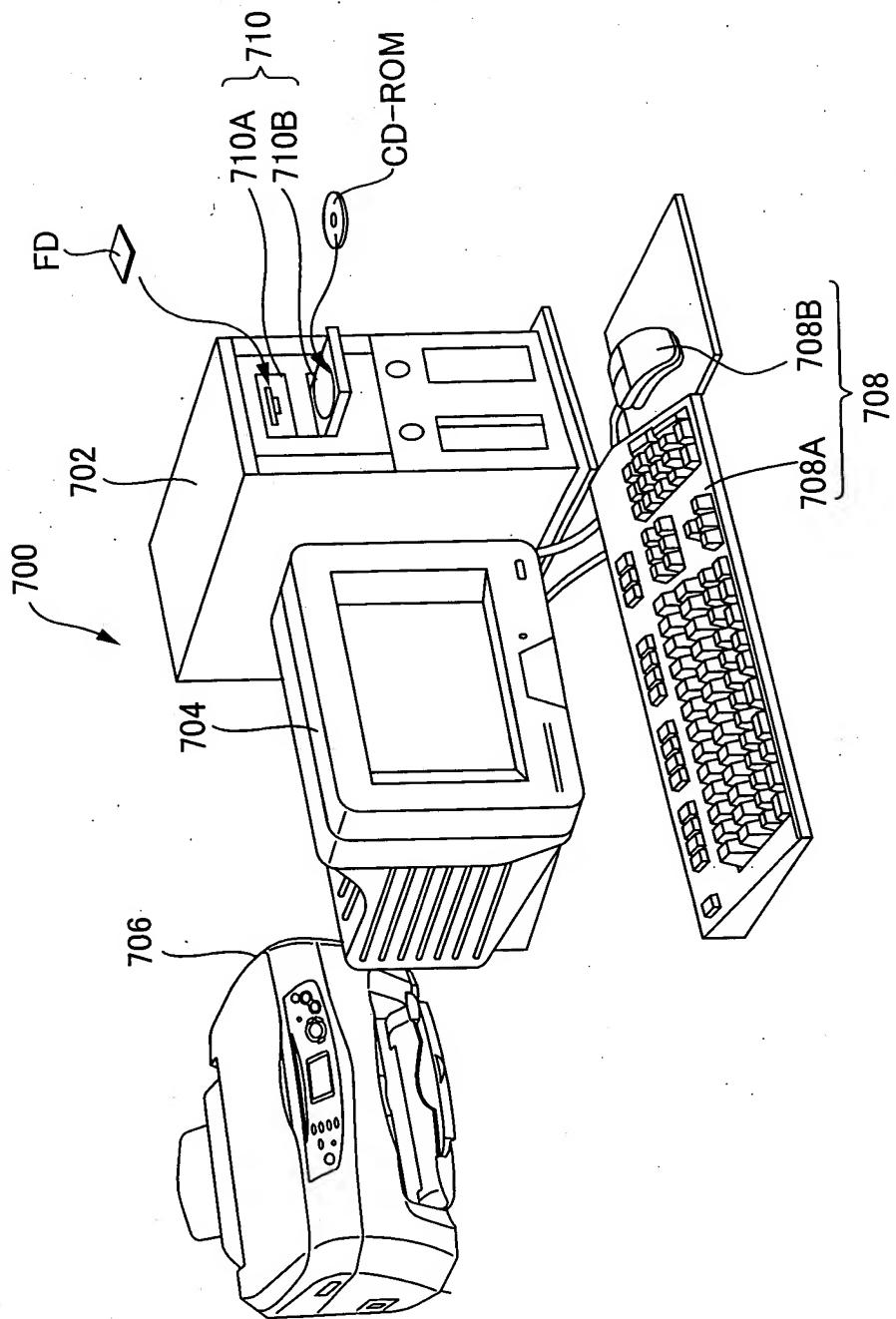


図36C

34/37



37

35/37

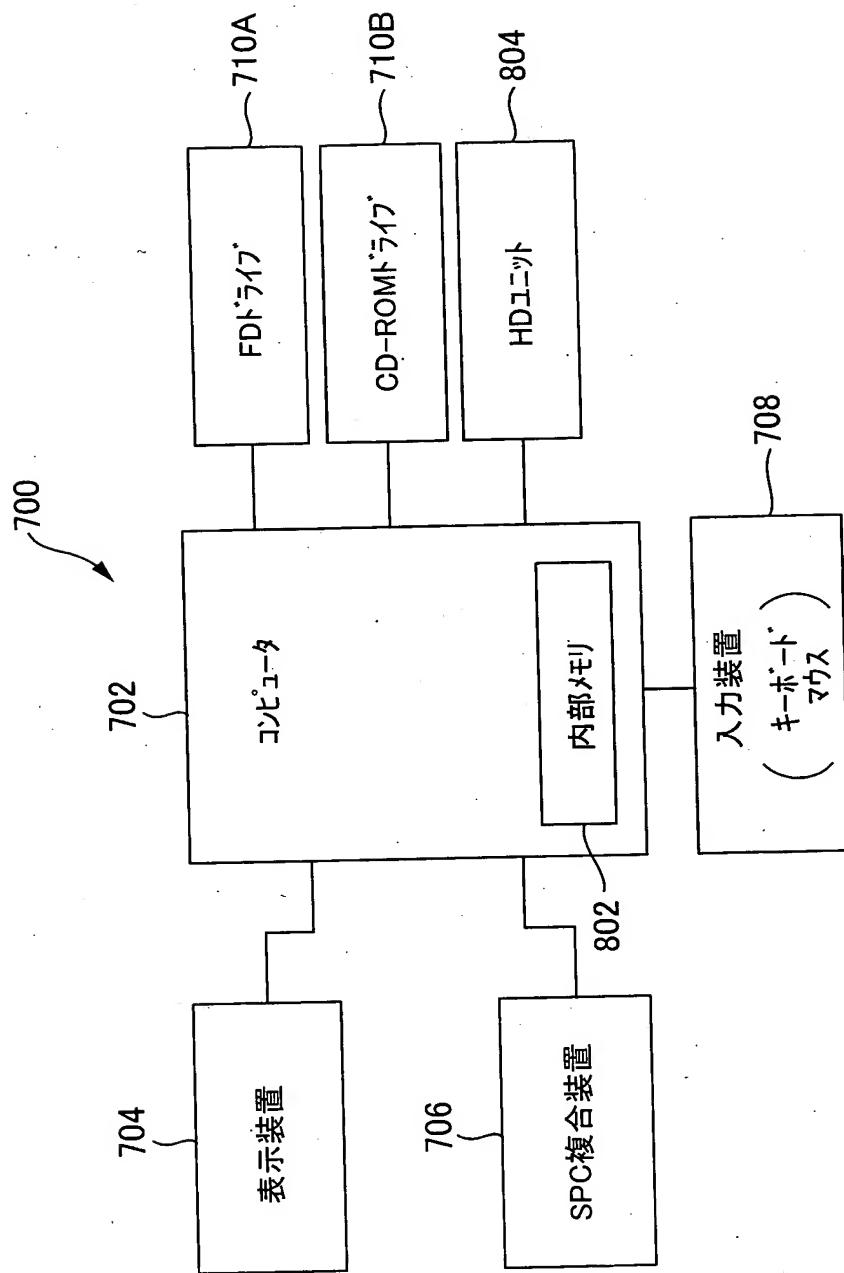


図38

36/37

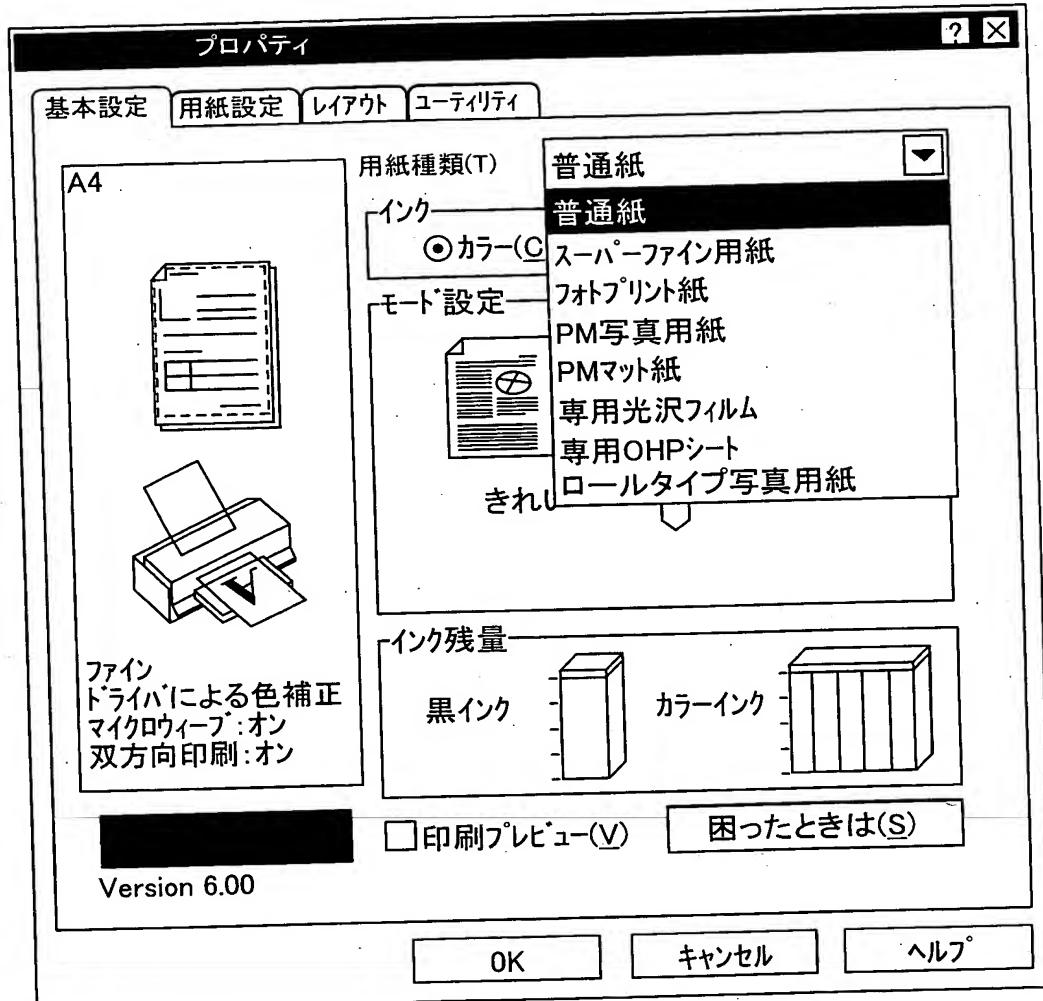


図39

37/37

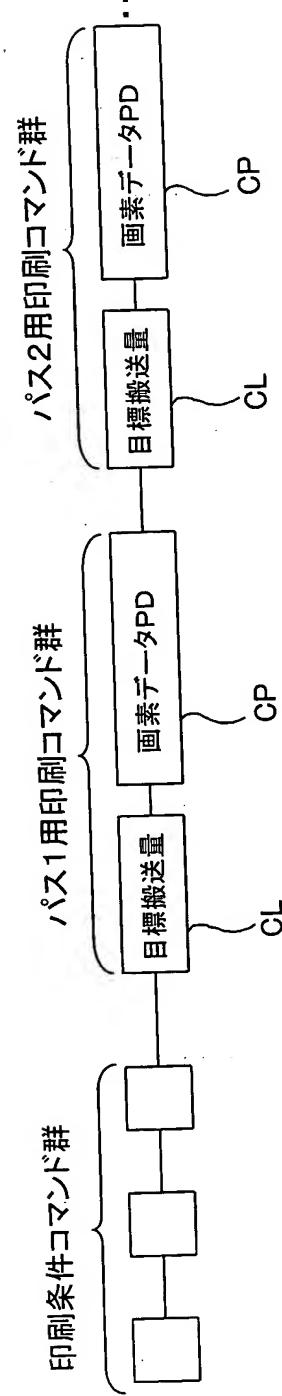


図40